

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF METABOLIC DISORDERS USING TNF α INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/622928.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

x no such foreign applications have been filed		
such foreign application have been filed as follows:	٠	

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
		·	Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing
	•	
X .		
		·

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

	no such U.S	S. provisional	applications	have	been	filed.
		· Pro · roroman	appiioutions	114 . 0	COUL	

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/397275	July 19, 2002	x Yes No
60/411081	September 16, 2002	x Yes No
60/417490	October 10, 2002	x Yes No
60/455777	March 18, 2003	x Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal

Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

х	no	such	U.S./PCT	applications	have	been	filed
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	such U.S./PCT	application	have	been	filed	as follows:
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Application Number	Relationship	Parent Application	Date of Filing

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959 (listed here):

James E. Cockfield	19,162	Jeanne M. DiGiorgio	41,710	Hathaway P. Russell	46,488
Thomas V. Smurzynski	24,798	Megan E. Williams	43,270	John S. Curran	50,445
Ralph A. Loren	29,325	Jeremiah Lynch	17,425	Lisa M. DiRocco	51,619 [.]
Giulio A. DeConti, Jr.	31,503	David J. Rikkers	43,882	Danielle L. Herritt	43,670
Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
Amy E. Mandragouras	36,207	Debra J. Milasincic	46,931	Jonathan M. Sparks, Ph.D.	53,624
Anthony A. Laurentano	38,220	David R. Burns	46,590	· Merideth C. Arnold	52,568
Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

and to:

John D. Conway

39,150 Kenneth Zwicker

43,310 Gayle B. O'Brien

48,812

Tara Seshadri 48,591

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Send Correspondence to <u>Elizabeth A. Hanley, Esq.</u> at Customer Number: 00959 whose address is:

LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to:

Elizabeth A. Hanley, Esq., (617) 227-7400

Full name of first inventor		
Subhashis Banerjee		
Sole or first inventor's signature		Date
	•	
Residence		
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Citizenship US		
Mailing Address .		
35 Hapgood Way		·
Shrewsbury, Massachusetts 01545		
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Full name of second inventor		
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Second inventor's signature	Date	-
	<u> </u>	
Residence		
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Full name of third inventor	
Clive E. Spiegler	•
Third inventor's signature	Date
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Mailing Address	·
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Denisime, NOT OLD, CIVILDD MINODOM	<u> </u>
Full name of fourth inventor	
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Fourth inventor's signature	Date
Residence	
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Citizenship US	
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Full name of fifth inventor	· · · · · · · · · · · · · · · · · · ·
Elliot K. Chartash	
Fifth inventor's signature	Date
The inventor bulgiment	Date
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Residence	
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Citizenship US	
Citizenship US Mailing Address	
Mailing Address	
Mailing Address 28 Edinburgh Drive	
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Mailing Address 28 Edinburgh Drive	
Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869	
Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor	
Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman	
Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor	Date
Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman	Date
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Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence	Date
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Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois	Date
Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois Citizenship US	Date
Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois Citizenship US	Date
Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois Citizenship US Mailing Address	Date

Full name of seventh inventor William T. Barchuk	
Seventh inventor's signature	
Seventh inventor 5 signature	Date
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Citizenship US	
Mailing Address	
95 Madison Avenue	
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Madison, New Jersey 07940	
Full name of eighth inventor	
Philip Yan	
Eighth inventor's signature	Date
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Residence Vernon Hills, Illinois	
	·
Citizenship US Mailing Address	
Maining Address	
368 Old Creek Road	
Vernon Hills, Illinois 60061	r
	•
Full name of ninth inventor	
Anwar Murtaza Ninth inventor's signature	(
randi inventor s signature	Date
Residence	
Shrewsbury, Massachusetts	
Citizenship India	
Mailing Address	
50 Commons Drive	
Apt. 30	
Shrewsbury, Massachusetts 01545	
Full name of tenth inventor	· · · · · · · · · · · · · · · · · · ·
Jochen G. Salfeld	
Tenth inventor's signature	Date ·
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Residence	
North Grafton, Massachusetts	· ,
Citizenship Germany Mailing Address	
Manue Addices	
177 Old Westboro Road	
North Grafton, Massachusetts 01536	

Full name of eleventh inventor	,			
Steven Fischkoff	Λ			
Eleventh inventor's signature	M		u(2663	
Residence				
Short Hills, New Jersey			: :	
Citizenship US	•			
Mailing Address	-			3.2
5 Canoe Brook Road Short Hills, New Jersey 07078	ii ·	· ·		-



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	٧	
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such foreign application have been filed as follows:		

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				Yes No
		·		Yes No
		,		Yes No

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	A second	
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Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

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	such U.S./PCT	application	have 1	been	filed	as	follows:	
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Application Number	Relationship	Parent Application	Date of Filing		
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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All practitioners at Customer Number 00959 (listed here):

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DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

				•	
Regina M. Anderson	35,820	Patricia Coleman James	37,155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	28,128	Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	37,960	William E. Murray	30,303
Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36.060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605, Intly, and each of them severally, my attorneys at law/patent agent(s), with full power of destitution, delegation and revocation, to prosecute this application, to make alterations and dendments therein, to receive the patent, and to transact all business in the U. S. Patent and ademark Office connected therewith. Ind Correspondence to Elizabeth A. Hanley, Esq. at Customer Number: 00959 whose add the AHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109 Trect Telephone Calls to:	d 6				
a Seshadri 48,591 of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605, ntly, and each of them severally, my attorneys at law/patent agent(s), with full power of ostitution, delegation and revocation, to prosecute this application, to make alterations and sendments therein, to receive the patent, and to transact all business in the U. S. Patent and ademark Office connected therewith. nd Correspondence to Elizabeth A. Hanley, Esq. at Customer Number: 00959 whose additional additional action of the connected states and the connected states are connected to the connected states and the connected states are connected states and the connected states are connected states and connected states and connected states are connec	d to:				
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rect Telephone Calls to: zabeth A. Hanley, Esq., (617) 227-7400 Full name of first inventor Subhashis Banerjee Sole or first inventor's signature Residence Shrewsbury, Massachusetts Citizenship US Mailing Address 35 Hapgood Way Shrewsbury, Massachusetts 01545 Full name of second inventor Lori K. Taylor Second inventor's signature Date	na corresponde	nee to <u>Enzabeth A. Hamey,</u>	<u>risq.</u> at Cu	stomer Number:	00959 whose ac
Subhashis Banerjee Sole or first inventor's signature Residence Shrewsbury, Massachusetts Citizenship US Mailing Address 35 Hapgood Way Shrewsbury, Massachusetts 01545 Full name of second inventor Lori K. Taylor Second inventor's signature Date		6			
rect Telephone Calls to: izabeth A. Hanley, Esq., (617) 227-7400 Full name of first inventor Subhashis Banerjee Sole or first inventor's signature Residence Shrewsbury, Massachusetts Citizenship US Mailing Address 35 Hapgood Way Shrewsbury, Massachusetts 01545 Full name of second inventor Lori K. Taylor Second inventor's signature Date	HIVE & COCK	KFIELD, LLP, 28 State Stree	t. Boston, N	/A 02109	
zabeth A. Hanley, Esq., (617) 227-7400 Full name of first inventor Subhashis Banerjee Sole or first inventor's signature Date Residence Shrewsbury, Massachusetts Citizenship US Mailing Address 35 Hapgood Way Shrewsbury, Massachusetts 01545 Full name of second inventor Lori K. Taylor Second inventor's signature Date		· · · · · · · · · · · · · · · · · · ·	t, Dobton, I.	111 0210)	·····
zabeth A. Hanley, Esq., (617) 227-7400 Full name of first inventor Subhashis Banerjee Sole or first inventor's signature Date Residence Shrewsbury, Massachusetts Citizenship US Mailing Address 35 Hapgood Way Shrewsbury, Massachusetts 01545 Full name of second inventor Lori K. Taylor Second inventor's signature Date	rect Telephone (Calls to:			
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Subhashis Banerjee Sole or first inventor's signature Residence Shrewsbury, Massachusetts Citizenship US Mailing Address 35 Hapgood Way Shrewsbury, Massachusetts 01545 Full name of second inventor Lori K. Taylor Second inventor's signature Date	zabeth A Hanle	ev Esa (617) 227-7400	•		
Residence Shrewsbury, Massachusetts Citizenship US Mailing Address 35 Hapgood Way Shrewsbury, Massachusetts 01545 Full name of second inventor Lori K. Taylor Second inventor's signature Date	zabeth A. Hanle	ey, Esq., (617) 227-7400	•		
Residence Shrewsbury, Massachusetts Citizenship US Mailing Address 35 Hapgood Way Shrewsbury, Massachusetts 01545 Full name of second inventor Lori K. Taylor Second inventor's signature Date					
Shrewsbury, Massachusetts Citizenship US Mailing Address 35 Hapgood Way Shrewsbury, Massachusetts 01545 Full name of second inventor Lori K. Taylor Second inventor's signature Date	Full name of first inv	entor			
Shrewsbury, Massachusetts Citizenship US Mailing Address 35 Hapgood Way Shrewsbury, Massachusetts 01545 Full name of second inventor Lori K. Taylor Second inventor's signature Date	Full name of first inv	entor lerjee		Date	
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Citizenship US Mailing Address 35 Hapgood Way Shrewsbury, Massachusetts 01545 Full name of second inventor Lori K. Taylor Second inventor's signature Date	Full name of first inv Subhashis Ban Sole or first inventor's	entor lerjee		Date	
Mailing Address 35 Hapgood Way Shrewsbury, Massachusetts 01545 Full name of second inventor Lori K. Taylor Second inventor's signature Date	Full name of first inv Subhashis Ban Sole or first inventor's	rentor Derjee s signature		Date	
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Full name of second inventor Lori K. Taylor Second inventor's signature Date	Full name of first inv Subhashis Ban Sole or first inventor's Residence Shrewsbury, M Citizenship US	entor ierjee s signature Aassachusetts		Date	
Full name of second inventor Lori K. Taylor Second inventor's signature Date	Full name of first inv Subhashis Ban Sole or first inventor's Residence Shrewsbury, M Citizenship US Mailing Address	rentor nerjee s signature Aassachusetts		Date	
Lori K. Taylor Second inventor's signature Date	Full name of first inv Subhashis Ban Sole or first inventor's Residence Shrewsbury, M Citizenship US Mailing Address 35 Hapgood Way	rentor nerjee s signature		Date	
Lori K. Taylor Second inventor's signature Date	Full name of first inv Subhashis Ban Sole or first inventor's Residence Shrewsbury, M Citizenship US Mailing Address 35 Hapgood Way	rentor nerjee s signature		Date	
Lori K. Taylor Second inventor's signature Date	Full name of first inv Subhashis Ban Sole or first inventor's Residence Shrewsbury, M Citizenship US Mailing Address 35 Hapgood Way	rentor nerjee s signature		Date	
Second inventor's signature Date	Full name of first inv Subhashis Ban Sole or first inventor's Residence Shrewsbury, M Citizenship US Mailing Address 35 Hapgood Way Shrewsbury, Mas	fentor nerjee s signature Massachusetts sachusetts 01545		Date	
	Full name of first inv Subhashis Ban Sole or first inventor's Residence Shrewsbury, M Citizenship US Mailing Address 35 Hapgood Way Shrewsbury, Mas	Massachusetts sachusetts 01545		Date	
Residence	Full name of first inv Subhashis Ban Sole or first inventor's Residence Shrewsbury, M Citizenship US Mailing Address 35 Hapgood Way Shrewsbury, Mas Full name of second in Lori K. Taylor	Massachusetts sachusetts 01545			
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Citizenship US

Mailing Address

14576 West Crabapple Drive Wadsworth, Illinois 60083

From Leasters	
Full name of third inventor Clive E. Spiegler	
Third inventor's signature	T
	Date
alue E. Saege	19 FEBRUARY 2004
Residence	
Reading, Berrkshire, United Kingdom	•
Citizenship US	-
Mailing Address	
70 Peppard Road	
Emmer Green	
Reading Respective PG4 STI - UNITED KINGDOM	•
Berkshire; RG4 8TL; UNITED KINGDOM	· · · · · · · · · · · · · · · · · · ·
Total and County in the county	
Full name of fourth inventor Daniel Edward Tracey	
Daniel Edward Tracey Fourth inventor's signature	T-K
Pourth inventor's signature	Date
Residence	1
Harvard, Massachusetts	•
Citizenship US	
Mailing Address	
149 Shaker Road	•
Harvard, Massachusetts 01451	
Full name of fifth inventor	
Elliot K. Chartash	T
Fifth inventor's signature	Date
Residence	<u></u>
Randolph, New Jersey	•
Citizenship US	•
Mailing Address	
	•
28 Edinburgh Drive	
Randolph, New Jersey 07869	•
Full name of sixth inventor	
Rebecca S. Hoffman	
Sixth inventor's signature	Date
	0
Residence	<u> </u>
Wilmette, Illinois	
Citizenship US	
Mailing Address	
Maining Addices	•
1300 Elmwood Avenue	
Wilmette, Illinois 60091	

T. W	·	
Full name of seventh inventor William T. Barchuk		
Seventh inventor's signature		Date
· ·	•	Date .
Residence		
Madison, New Jersey		
Citizenship US		
Mailing Address		
95 Madison Avenue		
Apt. 1 Madison, New Jersey 07940		· ·
		•
Full name of eighth inventor		
Philip Yan	· · · · · · · · · · · · · · · · · · ·	
Eighth inventor's signature		Date
·	•	
Residence		- 10
Vernon Hills, Illinois		
Citizenship US Mailing Address	·	
Maining Address	*	•
368 Old Creek Road		
Vernon Hills, Illinois 60061		
		• • • • • • • • • • • • • • • • • • • •
Full name of ninth inventor		
Anwar Murtaza		•
Ninth inventor's signature		Date
Residence		
Shrewsbury, Massachusetts		
Citizenship India		
Mailing Address		
50 Commons Drive Apt. 30		•
Shrewsbury, Massachusetts 01545		
	· · · · · · · · · · · · · · · · · · ·	
Full name of tenth inventor	· · · · · · · · · · · · · · · · · · ·	
Jochen G. Salfeld		
Tenth inventor's signature	· · · · · · · · · · · · · · · · · · ·	Date
		*
Residence		<u> </u>
North Grafton, Massachusetts	ŕ	·
Citizenship Germany		
Mailing Address		
177 Old Westboro Road		
North Grafton, Massachusetts 01536		

Full name of eleventh inventor		
Steven Fischkoff		
Eleventh inventor's signature		Date
Residence		
Short Hills, New Jersey		
Citizenship US	· · · · · · · · · · · · · · · · · · ·	
Mailing Address		
5 Canoe Brook Road Short Hills, New Jersey 07078		



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF METABOLIC DISORDERS USING TNFα INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/622928.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

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and of the appropriate of which proving to comment.
x no such foreign applications have been filed
such foreign application have been filed as follows:

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No
·			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing
	(B) - I	

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

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x such U.S. provisional application have been filed as follows:

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60/397275	July 19, 2002	_x Yes No			
60/411081	September 16, 2002	x Yes No			
60/417490	October 10, 2002	_x Yes No			
60/455777	March 18, 2003	_x Yes No			

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х	no such	U.S./PCT	applications	have been filed.

	such	U.S.	/PCT	appli	cation	have	been	filed	as	follow
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Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
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Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

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and to:

Regina M. Anderson	35,820	Patricia Coleman James	37.155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
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Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

and to:

John D. Conway

39,150 Kenneth Zwicker

43,310 Gayle B. O'Brien

48,812

Tara Seshadri

48,591

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

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Send Correspondence to <u>Elizabeth A. Hanley, Esq.</u> at **Customer Number: 00959** whose address is:

is:	
LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02	2109
Direct Telephone Calls to:	
Direct Telephone Cans to.	•
Elizabeth A. Hanley, Esq., (617) 227-7400	
Full name of first inventor	
Subhashis Banerjee	
Sole or first inventor's signature	Date
Residence	
Shrewsbury, Massachusetts	
Citizenship US	
Mailing Address	
25 Hannard West	•
35 Hapgood Way Shrewsbury, Massachusetts 01545	
omewson y, massachaseus ors-s	
Full name of second inventor	
Lori K. Taylor	
Second inventor's signature	Date
Residence	
Wadsworth, Illinois	
Citizenship US	
Mailing Address	
14576 West Crabapple Drive	
Wadsworth, Illinois 60083	
1	

	Full name of third inventor	
	Clive E. Spiegler	F
	Third inventor's signature	Date
ı		
	Residence	
	Reading, Berrkshire, United Kingdom	
	Citizenship US	
	Mailing Address	
	70 Peppard Road	
ı	Emmer Green	
ı	Reading	
	Berkshire; RG4 8TL; UNITED KINGDOM	· .
	Full name of fourth inventor	
l	Daniel Edward Tracey	
l	Fourth inventor's signature	Date
l		
l	Residence	
ı	Harvard, Massachusetts	
Ì	Citizenship US	
İ	Mailing Address	
I		
l	149 Shaker Road	
I	Harvard, Massachusetts 01451	
Į		
ſ	Full name of fifth inventor	
I	Elliot K. Chartash	
l	Fifth inventor's signature	Date
l		Date
l		
ĺ	Residence	
l	Randolph, New Jersey	
l	Citizenship US	
I	Mailing Address	
l	20 Ediahamah Daina	
l	28 Edinburgh Drive Randolph, New Jersey 07869	
l	Randolph, New Jersey 07005	
ι		
ſ	Full name of sixth inventor	
١	Rebecca S. Hoffman	
l	Sixth inventor's signature	Date
١		•
1	Dette	
	Residence Wilmotte Illinois	
ŀ	Wilmette, Illinois	·
ļ	Citizenship US	
	Mailing Address	
١	1300 Elmwood Avenue	
١	Wilmette, Illinois 60091	
١	•	

Full name of seventh inventor	
William T. Barchuk	
Seventh inventor's signature	Date
Residence	
Madison, New Jersey	
Citizenship US	
Mailing Address	
95 Madison Avenue	
Apt. 1	
Madison, New Jersey 07940	
Full name of eighth inventor	
Philip Yan	
Eighth inventor's signature	Date
Residence	
Vernon Hills, Illinois	
Citizenship US	
Mailing Address	
368 Old Creek Road	
Vernon Hills, Illinois 60061	
Full name of ninth inventor	
Anwar Murtaza	Due
Ninth inventor's signature	Date
Residence	
Shrewsbury, Massachusetts	
Citizenship India	
Mailing Address	
50 Commons Drive	
Apt. 30	
Shrewsbury, Massachusetts 01545	
Full name of tenth inventor	
Jochen & Salfeld	
Tentil infentor sugnature	Date ,
	Date 11 10 3
Residence	1111111
North Grafton, Massachusetts	
Citizenship Germany	
Mailing Address	
177 Old Westboro Road	
North Grafton, Massachusetts 01536	
· · · · · · · · · · · · · · · · · · ·	

Full name of eleventh inventor	
Steven Fischkoff	
Eleventh inventor's signature	Date
Residence	
Short Hills, New Jersey	
Citizenship US	
Mailing Address	
5 Canoe Brook Road Short Hills, New Jersey 07078	



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Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

	no such U	J.S. provision	al applications	have	been	filed.
--	-----------	----------------	-----------------	------	------	--------

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Application Number	Date of Filing	Priority Claimed Under 35 USC 119
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60/411081	September 16, 2002	x Yes No
60/417490	October 10, 2002	x Yes No
60/455777	March 18, 2003	x Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

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Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

,	ζ	no	such	U.S./PC	T	applications	have	been	filed
---	---	----	------	---------	---	--------------	------	------	-------

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Application Number	Relationship	Parent Application	Date of Filing
			· · · · · · · · · · · · · · · · · · ·
		:	

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I hereby appoint:

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Ralph A. Loren	29,325	Jeremiah Lynch	17,425	Lisa M. DiRocco	51,619
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Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
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all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

Regina M. Anderson	35,820	Patricia Coleman James	37,155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	28,128	Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	37,960	William E. Murray	30,303
Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
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Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

48,812

and to:				
John D. Conway Tara Seshadri	39,150 48,591	Kenneth Zwicker	43,310	Gayle B. O'Brien

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

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Send Correspondence to <u>Elizabeth A. Hanley, Esq.</u> at Customer Number: 00959 whose addres:
LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109
Direct Telephone Calls to:
Elizabeth A. Hanley, Esq., (617) 227-7400
Full name of first inventor Subhashis Banerjee Sole or first inventor's signature Date
Sole of hist inventor's signature
Residence Shrewsbury, Massachusetts
Citizenship US Mailing Address
35 Hapgood Way Shrewsbury, Massachusetts 01545
Full name of second inventor
Lori K. Taylor Second inventor's signature Date
Residence Wadsworth, Illinois
Citizenship US Mailing Address
14576 West Crabapple Drive Wadsworth, Illinois 60083

TAG	
Full name of third inventor	
Clive E. Spiegler	
Third inventor's signature	Date
Residence	
Reading, Berrkshire, United Kingdom	
Citizenship US	
Mailing Address	
70 Peppard Road	
Emmer Green	
Reading	
Berkshire; RG4 8TL; UNITED KINGDOM	
Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	Date
Residence	
Harvard, Massachusetts	· · · · · · · · · · · · · · · · · · ·
Citizenship US	
Mailing Address	
149 Shaker Road	
Harvard, Massachusetts 01451	
Tim vara, Massachasetts 01451	
Full name of fifth inventor	
Elliot K. Chartash	
Fifth inventor's signature	Date
Residence	
Randolph, New Jersey	
Citizenship US	
Mailing Address	
20 F.B. Loud D. Jose	
28 Edinburgh Drive Randolph, New Jersey 07869	
Randolphi, New Jersey 07009	
	· · · · · · · · · · · · · · · · · · ·
Full name of sixth inventor	
Rebecca S. Hoffman	
Sixth inventor's signature	Date
Residence	
Wilmette, Illinois	
Citizenship US	
Mailing Address	
1300 Elmwood Avenue	
Wilmette, Illinois 60091	

Full name of seventh inventor		
William T. Barchuk Seventh inventor's signature	Date	
Seventi inventor s signature	Date	
Residence		
Madison, New Jersey		_
Citizenship US Mailing Address		
95 Madison Avenue Apt. 1		
Madison, New Jersey 07940		
·		
Full name of eighth inventor		
Philip Yan		
Eighth inventor's signature	Date	
Residence		
Vernon Hills, Illinois		
Citizenship US		
Mailing Address		
368 Old Creek Road		
Vernon Hills, Illinois 60061		
Full name of ninth inventor Anwar Murtaza		
Ninth inventor's signature	Date	
1		
Residence Muxton	1/18/03	
Westborough, Massachusetts	·	
Citizenship India		
Mailing Address	· · · · · · · · · · · · · · · · · · ·	
30 Treetop Park		
Westborough, Massachusetts 01581		
		_
Full name of tenth inventor		_
Jochen G. Salfeld		
Tenth inventor's signature	Date	
	1	
Residence		
North Grafton, Massachusetts		
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Mailing Address		
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Full name of eleventh inventor	
Steven Fischkoff	
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Residence	
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		*	Yes No
		·	Yes No

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	and HC /DCT	1:	1 1	C1. 1	C . 11
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Portia L. Chen,	44,075	David L. Weinstein	28,128	Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	37,960	William E. Murray	30,303
Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

nd to:					
ohn D. Conway ara Seshadri	39,150 Ke 48,591	nneth Zwicker	43,310 Ga	ayle B. O'Brien	48,812
of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605, antly, and each of them severally, my attorneys at law/patent agent(s), with full postitution, delegation and revocation, to prosecute this application, to make alteratendments therein, to receive the patent, and to transact all business in the U. S. Pademark Office connected therewith. Ind Correspondence to Elizabeth A. Hanley, Esq. at Customer Number: 00959					
ubstitution, delegati mendments therein	ion and revo	ocation, to prose the patent, and	cute this appli	cation, to make	alterations and
Send Correspondences:	e to <u>Elizab</u>	eth A. Hanley,	Esq. at Custo	mer Number:	00959 whose add
AHIVE & COCKE	TELD LLP	28 State Stree	t Roston MA	02109	
	<u> </u>	, 20 State Bace	t Boston, Wir	0210)	
Direct Telephone Ca	ılls to:				
Elizabeth A. Hanley	Esq. (617)	227-7400			
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	J				
Sole or first inventor's si	gnature	•		Date	
		·			
Shrewsbury, Ma	ssachusetts				
Citizenship US		,			
Mailing Address	-	 	-		
35 Hapgood Way Shrewsbury, Massac	chusetts 0154	· 5			
					•

Full name of second inventor				
Lori K. Taylor				
Second inventor's signature			Date	
	•			
Residence			<u> </u>	
Wadsworth, Illinois				
Citizenship US				
Mailing Address		•		
14576 West Crabapple Drive	·			
Wadsworth, Illinois 60083		• •		•
·				

Full name of third inventor	
Clive E. Spiegler	•
Third inventor's signature	Date
· •	
Residence	
Reading, Berrkshire, United Kingdom	
Citizenship US	
Mailing Address	
70 Peppard Road	•
Emmer Green	•
Reading	÷
Berkshire; RG4 8TL; UNITED KINGDOM	
Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	Date
Residence	
Harvard, Massachusetts	
Citizenship US	
Mailing Address	<u> </u>
Maining Addicess	
149 Shaker Road	
Harvard, Massachusetts 01451	•
	. •
Full name of fifth inventor	
Full name of fifth inventor Elliot K. Chartash	· · · · · · · · · · · · · · · · · · ·
	Date
Elliot K. Chartash	Date
Elliot K. Chartash Fifth inventor's signature	Date
Elliot K. Chartash Fifth inventor's signature Residence	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor	Date
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois Citizenship US	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois Citizenship US Mailing Address	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois Citizenship US Mailing Address 1300 Elmwood Avenue	
Elliot K. Chartash Fifth inventor's signature Residence Randolph, New Jersey Citizenship US Mailing Address 28 Edinburgh Drive Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois Citizenship US Mailing Address	

Full name of seventh inventor William T. Barchuk	
Seventh inventor's signature	Date
11 melan 7/mlul	11/6/03
Residence Madison, New Jersey	
Citizenship US	
Mailing Address	
95 Madison Avenue	
Apt. 1 Madison, New Jersey 07940	
	•
Full name of eighth inventor	
Philip Yan	•
Eighth inventor's signature	Date
9	
Residence	
Vernon Hills, Illinois	
Citizenship US	
Mailing Address	
368 Old Creek Road	
Vernon Hills, Illinois 60061	
Full name of ninth inventor A navar Murtaga	
Anwar Murtaza	Date
	Date ,
Anwar Murtaza Ninth inventor's signature	Date
Anwar Murtaza Ninth inventor's signature Residence	Date ,
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld	
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld	
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld Tenth inventor's signature	
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts	
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts	
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts Citizenship Germany Mailing Address	
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts Citizenship Germany	

Full name of eleventh inventor				
Steven Fischkoff				
Eleventh inventor's signature			Date .	
				•
Residence				
Short Hills, New Jersey		•	•	
Citizenship US				
Mailing Address				
5 Canoe Brook Road Short Hills, New Jersey 07078	•	-		
Short Hills, New Jersey 07078				



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF METABOLIC DISORDERS USING TNFa INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/622928.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

x no such foreign applications have been filed -	
such foreign application have been filed as follows:	·

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
		•	Yes .No
			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing
-		
		• • • • • • • • • • • • • • • • • • • •

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

	no such	U.S.	provisional	applications	have	been	filed.
L			F	F L			

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/397275	July 19, 2002	x Yes No
60/411081	September 16, 2002	x Yes No
60/417490	October 10, 2002	x Yes No
60/455777	March 18, 2003	x Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal

Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

x	no	such	U.S./PCT	applications	have	been	filed.

	SIICH LEN /PL L ANNIICATION have been tiled ac tollower	
- 1	such U.S./PCT application have been filed as follows:	•
	 * * '	

Application Number	Relationship	Parent Application	Date of Filing
		·	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959 (listed here):

James E. Cockfield	19,162	Jeanne M. DiGiorgio	41,710	Hathaway P. Russell	46,488
Thomas V. Smurzynski	24,798	Megan E. Williams	43,270	John S. Curran	50,445
Ralph A. Loren	29,325	Jeremiah Lynch	17,425	Lisa M. DiRocco	51,619
Giulio A. DeConti, Jr.	31,503	David J. Rikkers	43,882	Danielle L. Herritt	43,670
Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.	·	Cynthia M. Soroos	53,623
Amy E. Mandragouras	36,207	Debra J. Milasincic	46,931	Jonathan M. Sparks, Ph.D.	53,624
Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

Regina M. Anderson	35.820	Datainia Calanna I.	27.1	55 1	. 04.501
	33,820	Patricia Coleman James	37,1:	55 Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,7	96 Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	28,1	28 Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	37,9	60 William E. Murray	30,303
Allen W. Wark	30,503	Brian R. Woodworth	33,13	37 William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,1	17 Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb .	37,2	98 David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,80	05 Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,4	77 Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

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John D. Conway Tara Seshadri 39,150 Kenneth Zwicker 48,591

43,310 Gayle B. O'Brien

48,812

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Send Correspondence to <u>Elizabeth A. Hanley, Esq.</u> at Customer Number: 00959 whose address is:

LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to:

Elizabeth A. Hanley, Esq., (617) 227-7400

Full name of first inventor	
Subhashis Banerjee	
Sole or first inventor's signature	Date
	·
Residence	
Shrewsbury, Massachusetts	·
Citizenship US	
Mailing Address	
	*
35 Hapgood Way	
Shrewsbury, Massachusetts 01545	
	·
	-
Full name of second inventor	
Lori K. Taylor	
Second inventor's signature	Date
Residence	
Wadsworth, Illinois	·
Citizenship US	,
Mailing Address	
14576 West Crabapple Drive	
Wadsworth, Illinois 60083	
·	

Full name of third inventor	·
Clive E. Spiegler	
Third inventor's signature	Date
Residence	
Reading, Berrkshire, United Kingdom	
Citizenship US	
Mailing Address	
70 Peppard Road	
Emmer Green	0
Reading Reschiere P.CA STL - I DITTED VINCEDOM	
Berkshire; RG4 8TL; UNITED KINGDOM	
	·
Full name of fourth inventor	•
Daniel Edward Tracey	
Fourth inventor's signature	Date
	, ,
Residence	
Harvard, Massachusetts	
Citizenship US	
Mailing Address	•
149 Shaker Road	
Harvard, Massachusetts 01451	
Tidi vard, iviassaciiuscus 01431	
Full name of fifth inventor	
Elliot K. Chartash	•
Fifth inyentor's signature	Date
411 AM//	
Was allew	60 NOVO3
Residence	
Randolph, New Jersey	
Citizenship US	
Mailing Address	
28 Edinburgh Drive	
28 Edinburgh Drive Randolph, New Jersey 07869	•
28 Edinburgh Drive Randolph, New Jersey 07869	
Randolph, New Jersey 07869	
Randolph, New Jersey 07869 Full name of sixth inventor	
Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman	
Randolph, New Jersey 07869 Full name of sixth inventor	Date
Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman	Date
Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature	Date
Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence	Date
Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois	Date
Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois Citizenship US	Date
Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois	Date
Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois Citizenship US Mailing Address	Date
Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois Citizenship US Mailing Address 1300 Elmwood Avenue	Date
Randolph, New Jersey 07869 Full name of sixth inventor Rebecca S. Hoffman Sixth inventor's signature Residence Wilmette, Illinois Citizenship US Mailing Address	Date

Trul	
Full name of seventh inventor William T. Barchuk	•
Seventh inventor's signature	Date
· ·	
Residence	
Madison, New Jersey	•
Citizenship US	
Mailing Address	
95 Madison Avenue	
Apt. 1	
Madison, New Jersey 07940	
L	
Full name of eighth inventor	
Philip Yan	
Eighth inventor's signature	Date
David	
Residence Vernon Hills, Illinois	-
Citizenship US Mailing Address	
Maining Address	·
368 Old Creek Road	
Vernon Hills, Illinois 60061	•
	·
Full name of ninth inventor	
Anwar Murtaza Ninth inventor's signature	15
National Statement Stateme	Date
Residence	
Shrewsbury, Massachusetts	·
Citizenship India	
Mailing Address	
50 Commons Drive	
Apt. 30	
Shrewsbury, Massachusetts 01545	
Full name of tenth inventor	
Jochen G. Salfeld	•
Tenth inventor's signature	Date
Residence	<u> </u>
North Grafton, Massachusetts	
Citizenship Germany Mailing Address	
Maining Addiess	
177 Old Westboro Road	•
North Grafton, Massachusetts 01536	•

Full name of eleventh inventor			
Steven Fischkoff	•		
Eleventh inventor's signature		Date	
·			
Residence			
Short Hills, New Jersey			
Citizenship US			
Mailing Address			
5 Canoe Brook Road			
Short Hills, New Jersey 07078	•		•



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF METABOLIC DISORDERS USING TNFa INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/622928.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

x no such foreign applications have been filed	•	
such foreign application have been filed as follows:		

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
-			Yes No
		·	Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Country	Date of Filing
,	
·	
	-
	Country

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

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ı		no such U.S.	providence	approductions	IIu v O	DOCII	micu.

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/397275	July 19, 2002	x Yes No
60/411081	September 16, 2002	x Yes No
60/417490	October 10, 2002	x Yes No
60/455777	March 18, 2003	x Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal

Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

х	no such	U.S./PCT	applications	have	been	filed.

	such U.S./PCT	application	have been	filed as	follows:
	00011 010111 01	approactor	ma ve been	IIIOG US	TOHOWS.

Application Number	Relationship	Parent Application	Date of Filing
		·	
		·	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959 (listed here):

James E. Cockfield	19,162	Jeanne M. DiGiorgio	41,710	Hathaway P. Russell	46,488
Thomas V. Smurzynski	24,798	Megan E. Williams	43,270	John S. Curran	50,445
Ralph A. Loren	29,325	Jeremiah Lynch	17,425	Lisa M. DiRocco	51,619
Giulio A. DeConti, Jr.	31,503	David J. Rikkers	43,882	Danielle L. Herritt	43,670
Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
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Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

Regina M. Anderson	35,820	Patricia Coleman James	37.155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	28,128	Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	37,960	William E. Murray	30,303
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Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

|--|

John D. Conway Tara Seshadri 39,150 Kenneth Zwicker 48,591

43,310 Gayle B. O'Brien

48,812

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Send Correspondence to <u>Elizabeth A. Hanley, Esq.</u> at Customer Number: 00959 whose address is:

LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to:

Elizabeth A. Hanley, Esq., (617) 227-7400

Full name of first inventor		· · · · · · · · · · · · · · · · · · ·		
Subhashis Banerjee				
Sole or first inventor's signature		Date	-	
	•			
Residence				
Shrewsbury, Massachusetts	•.			
Citizenship US				
Mailing Address				
35 Hapgood Way	•			
Shrewsbury, Massachusetts 01545				
,				

Full name of second inventor				

Full name of second inventor	
Lori K. Taylor	
Second inventor's signature	Date
·	
Residence	
Wadsworth, Illinois	
Citizenship US	
Mailing Address	
14576 West Crabapple Drive	•
Wadsworth, Illinois 60083	

Full name of third inventor	
1	
Clive E. Spiegler	
Third inventor's signature	Date
Residence	<u> </u>
Reading, Berrkshire, United Kingdom	• :
Citizenship US Mailing Address	
70 Peppard Road	•
Emmer Green	•
Reading	,
Berkshire; RG4 8TL; UNITED KINGDOM	
Total State of the	· · · · · · · · · · · · · · · · · · ·
Full name of fourth inventor	
Daniel Edward Tracey	•
Fourth in control of the control	Date
Lacey Lacey	11/11/03
Same Colvain Finely	11/11/03
Residence	
Harvard, Massachusetts	
Citizenship US	
Mailing Address	· ·
149 Shaker Road	
Harvard, Massachusetts 01451	•
	· .
Full name of fifth inventor	
Elliot K. Chartash	
Fifth inventor's signature	Date .
	1 .
Residence	<u> </u>
Randolph, New Jersey	
Citizenship US	
Mailing Address	•
Maning Addiess	
28 Edinburgh Drive	
Randolph, New Jersey 07869	•
Full name of sixth inventor	
Rebecca S. Hoffman	
Sixth inventor's signature	Date
Residence Wilmoste Illinois	
Wilmette, Illinois	
Citizenship US	
Mailing Address	,
1200 El-mund Annua	
1300 Elmwood Avenue Wilmette, Illinois 60091	
Trimette, Illinois 00071	,
·	

Full name of seventh inventor	 		·	
William T. Barchuk				
Seventh inventor's signature		Da	ite	
Residence			<u> </u>	
Madison, New Jersey		*		
Citizenship US				
Mailing Address				
95 Madison Avenue			•	
Apt. 1				
Madison, New Jersey 07940				
Full name of eighth inventor				
Philip Yan		-		
Eighth inventor's signature		Da	te	
•				
Residence				
Vernon Hills, Illinois				
Citizenship US				
Mailing Address	,		-	
368 Old Creek Road		•		
Vernon Hills, Illinois 60061				
				·
Full name of ninth inventor				
Anwar Murtaza				
Ninth inventor's signature		Da	te	
Residence				
Shrewsbury, Massachusetts		•		
Citizenship India	· · · · · · · · · · · · · · · · · · ·		***************************************	
Mailing Address				•
50 Commons Drive				
Apt. 30				
Shrewsbury, Massachusetts 01545		<u> </u>		
Full name of tenth inventor			_	
Jochen G. Salfeld Tenth inventor's signature	•	. Da	-	
reim inventor s signature	••	Da	te	
Residence				
North Grafton, Massachusetts	·····			
Citizenship Germany Mailing Address				
maining Addicess	•		•	
177 Old Westboro Road				
North Grafton, Massachusetts 01536	-			

Full name of eleventh inventor	· · · · · · · · · · · · · · · · · · ·		
Steven Fischkoff			-
Eleventh inventor's signature		Date	·····
	·		٠.
Residence	-		
Short Hills, New Jersey			
Citizenship US			
Mailing Address			
5 Canoe Brook Road Short Hills, New Jersey 07078			



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF METABOLIC DISORDERS USING TNFα INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/622928.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request my attorneys/agent(s) at Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109, to insert above the filing date and/or Application No. of said application.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, § 1.56.

FOREIGN PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

x no such foreign applications have been filed	
such foreign application have been filed as follows:	

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
			Yes No
			Yes No
			Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing
	8.1	

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

ſ	 no such	HS	provisional	applications	have	heen	filed
Т	 no such	0.5.	provisional	applications	nave	been	mea.

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119
60/397275	July 19, 2002	x Yes No
60/411081	September 16, 2002	x Yes No
60/417490	October 10, 2002	x Yes No
60/455777	March 18, 2003	x Yes No

CLAIM FOR BENEFIT OF EARLIER U.S./PCT APPLICATION(S)

I hereby claim the benefit under Title 35, United States Code, §120 of the United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal

Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

Х	no such U.S./PCT applications have been filed.	
	such IIS /PCT application have been filed as follow	

Application Number	Rélationship	Parent Application	Date of Filing

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint:

All practitioners at Customer Number 00959 (listed here):

James E. Cockfield	19,162	Jeanne M. DiGiorgio	41,710	Hathaway P. Russell	46,488
Thomas V. Smurzynski	24,798	Megan E. Williams	43,270	John S. Curran	50,445
Ralph A. Loren	29,325	Jeremiah Lynch	17,425	Lisa M. DiRocco	51,619
Giulio A. DeConti, Jr.	31,503	David J. Rikkers	43,882	Danielle L. Herritt	43,670
Elizabeth A. Hanley	33,505	* Maria Laccotripe Zacharakis, Ph.D.		Cynthia M. Soroos	53,623
Amy E. Mandragouras	36,207	Debra J. Milasincic	46,931	Jonathan M. Sparks, Ph.D.	53,624
Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

Regina M. Anderson	35,820		37,155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	28,128	Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	37,960	William E. Murray	30,303
Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

and to:

John D. Conway

Kenneth Zwicker

Gayle B. O'Brien . 43,310

48,812

Tara Seshadri

48,591

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

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LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to:

Elizabeth A. Hanley, Esq., (617) 227-7400

Full name of first inventor	
Subhashis Banerjee	
Sole or first inventor's signature	Date
Residence	
Shrewsbury, Massachusetts	
Citizenship US	
Mailing Address	
35 Hapgood Way	*
Shrewsbury, Massachusetts 01545	
	·

Full name of second inventor	
Lori K. Taylor	
Second inventor's signature	Date
Ar Klund	DEC - 9 2003
Residence	
Wadsworth, Illinois	
Citizenship US	
Mailing Address	
14576 West Crabapple Drive	
Wadsworth, Illinois 60083	

1		
	Full name of third inventor	
1	Clive E. Spiegler	
ļ	Third inventor's signature	Date
	Residence	<u> </u>
		(4)
	Reading, Berrkshire, United Kingdom	
	Citizenship US	
	Mailing Address	
	70 Peppard Road Emmer Green	•
	Reading	₹ ,
	Berkshire; RG4 8TL; UNITED KINGDOM	
	BURSHIE, ROTOTE, ONTED KINODOM	
1	Full name of fourth inventor	
	Daniel Edward Tracey	•
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	Fourth inventor's signature	Date
	Residence	I
	Harvard, Massachusetts	
	Citizenship US	
	Mailing Address	· · · · · · · · · · · · · · · · · · ·
		•
	149 Shaker Road	
.	Harvard, Massachusetts 01451	
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	Full name of fifth inventor	
	Elliot K. Chartash	•
	Fifth inventor's signature	Date
	·	
	Residence	<u> </u>
	Randolph, New Jersey	·
	Citizenship US	·
	Mailing Address	
	Training risdices	
	28 Edinburgh Drive	
	Randolph, New Jersey 07869	·
	·	
	Full name of sixth inventor	
	Rebecca S. Hoffman	•
	Sixth inventor's signature	Date
	Reblace S. Hoffme	26 NOVO3
	Residence	
	Wilmette, Illinois	
	Citizenship US	- 4
	Mailing Address	
	1300 Elmwood Avenue	
	Wilmette, Illinois 60091	
_]		

Full name of seventh inventor	
William T. Barchuk	·
Seventh inventor's signature	Date
	•
Residence	
Madison, New Jersey	
Citizenship US	
Mailing Address	
	•
95 Madison Avenue	
Apt. 1 Madison, New Jersey 07940	
Iviadison, New Jersey 07940	· _
·	
Full name of eighth inventor	
Philip Yan	·
Eighth inventor's signature	Date
Mh tip /p	Der 8, 2013
Residence	ser or as
Vernon Hills, Illinois	
Citizenship US	
Mailing Address	
	•
368 Old Creek Road	
Vernon Hills, Illinois 60061	
	•
Full name of ninth inventor	
Anwar Murtaza	
	
Ninth inventor's signature	Date
Ninth inventor's signature	Date
Residence	Date
	Date
Residence	Date
Residence Shrewsbury, Massachusetts	Date
Residence Shrewsbury, Massachusetts Citizenship India Mailing Address	Date
Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive	Date
Residence Shrewsbury, Massachusetts Citizenship India Mailing Address	Date
Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30	Date
Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545	Date
Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor	Date
Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld	
Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor	Date
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Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts	Date
Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts Citizenship Germany	Date
Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts	Date
Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts Citizenship Germany Mailing Address 177 Old Westboro Road	Date
Residence Shre wsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld Tenth inventor's signature Residence North Grafton, Massachusetts Citizenship Germany Mailing Address	Date

Full name of eleventh inventor	
Steven Fischkoff	•
Eleventh inventor's signature	Date
Residence	
Short Hills, New Jersey	
Citizenship US	
Mailing Address	
5 Canoe Brook Road Short Hills, New Jersey 07078	
,,,	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE <u>DECLARATION FOR PATENT APPLICATION</u>

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TREATMENT OF METABOLIC DISORDERS USING TNFα INHIBITORS

the specification of which was filed on July 18, 2003 as Application No. 10/622928.

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I hereby claim foreign priority benefits under Title 35, United States Code § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

	•
x no such foreign applications have been filed	
such foreign application have been filed as follows:	
	•

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing	Priority Claimed Under 35 USC 119
*			Yes No
			Yes No
		. *	Yes No

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

Application Number	Country	Date of Filing
·		

CLAIM FOR BENEFIT OF EARLIER U.S. PROVISIONAL APPLICATIONS

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

x such U.S. provisional application have been filed as follows:

Application Number	Date of Filing	Priority Claimed Under 35 USC 119		
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60/411081	September 16, 2002	x Yes No		
60/417490	October 10, 2002	x Yes No		
60/455777	March 18, 2003	x Yes No		

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Regulations, §1.56 which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

Х	no such U.S./PCT applications have been filed.		
	such II S /PCT application have been filed as foll		

Application Number	Relationship	Parent Application	Date of Filing

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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All practitioners at Customer Number 00959 (listed here):

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Anthony A. Laurentano	38,220	David R. Burns	46,590	Merideth C. Arnold	52,568
Kevin J. Canning	35,470	Sean D. Detweiler	42,482	Peter W. Dini, Ph.D.	52,821
Jane E. Remillard	38,872	Cynthia L. Kanik, Ph.D.	37,320	Andrina Williams Zink	54,539
DeAnn F. Smith	36,683	Theodore R. West	47,202	John D. Lanza	40,060

^{*} Limited Recognition Under 37 C.F.R. § 10.9(b)

all of Lahive & Cockfield, LLP, 28 State Street, Boston, Massachusetts 02109,

and to:

Regina M. Anderson	35,820	Patricia Coleman James	37,155	Lawrence S. Pope	26,791
Cheryl L. Becker	35,441	Gregory W. Steele	33,796	Christopher P. Rogers	36,334
Portia L. Chen,	44,075	David L. Weinstein	28,128	Nicholas A. Poulos	30,209
Dianne Casuto	40,943	Michael J. Ward	37,960	William E. Murray	30,303
Allen W. Wark	30,503	Brian R. Woodworth	33,137	William J. Winter	36,060
Steven R. Crowley	31,604	Steven F. Weinstock	30,117	Nickki L. Parlett	44,996
Andreas M. Danckers	32,652	Michael R. Crabb	37,298	David J. Schodin	41,294
Gregory B. Donner	34,580	Kalim S. Fuzail	45,805	Mimi C. Goller	39,046
Beth A. Vrioni	39,869	Paul D. Yasger	37,477	Thomas D. Brainard	32,459

all of Abbott Laboratories, 100 Abbott Park Road, Abbott Park, IL 60064,

and to:

John D. Conway Tara Seshadri 39,150 Kenneth Zwicker 48,591

43,310 Gayle B. O'Brien

48,812

all of Abbott Bioresearch Center, 100 Research Dr., Worcester, MA 01605,

jointly, and each of them severally, my attorneys at law/patent agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the U. S. Patent and Trademark Office connected therewith.

Send Correspondence to <u>Elizabeth A. Hanley, Esq.</u> at **Customer Number: 00959** whose address is:

LAHIVE & COCKFIELD, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to:

Elizabeth A. Hanley, Esq., (617) 227-7400

Full name of first inventor	
Subhashis Banerjee	•
Sole or first inventor's signature	Date
Tuberasan Camuja	1143-03
Residence	· ·
Shrewsbury, Massachusetts	
Citizenship US	
Mailing Address	
35 Hapgood Way	
Shrewsbury, Massachusetts 01545	
Full name of second inventor	
Lori K. Taylor	·
Second inventor's signature	Date
·	
•	
Peridence	·
Residence Wadsworth Illinois	
Wadsworth, Illinois	
Wadsworth, Illinois Citizenship US	
Wadsworth, Illinois	
Wadsworth, Illinois Citizenship US Mailing Address	
Wadsworth, Illinois Citizenship US	

Full name of third inventor	
Clive E. Spiegler	
Third inventor's signature	Date
Time inventor's signature	Date
Residence	
Reading, Berrkshire, United Kingdom	
Citizenship US	
Mailing Address .	
70 Peppard Road	
Emmer Green	
Reading	•
Berkshire; RG4 8TL; UNITED KINGDOM	
Full name of fourth inventor	
Daniel Edward Tracey	
Fourth inventor's signature	Date
Residence	
Harvard, Massachusetts	
Citizenship US ·	
Mailing Address	
149 Shaker Road	
Harvard, Massachusetts 01451	
Full name of fifth inventor Elliot K. Chartash	
Fifth inventor's signature	
Firm diventor's signature	Date
	· .
Residence	
Randolph, New Jersey	
Citizenship US	
Mailing Address	-
28 Edinburgh Drive	
Randolph, New Jersey 07869	
Full name of sixth inventor	····
Rebecca S. Hoffman	
Sixth inventor's signature	Date
·	•
Residence	
Wilmette, Illinois	
Citizenship US	
Mailing Address	
4000 FI	
1300 Elmwood Avenue	
Wilmette, Illinois 60091	

Full name of seventh inventor William T. Barchuk	
Seventh inventor's signature	Date
·	Date
Residence	
Madison, New Jersey	· · · · · · · · · · · · · · · · · · ·
Citizenship US Mailing Address	
95 Madison Avenue	
Apt. 1 Madison, New Jersey 07940	•
111111111111111111111111111111111111111	
Full name of eighth inventor	
Philip Yan	
Eighth inventor's signature	Date
Residence Vernon Hills, Illinois	
	•
Citizenship US Mailing Address	
·	
368 Old Creek Road	•
Vernon Hills, Illinois 60061	•
Full name of ninth inventor	
Full name of ninth inventor Anwar Murtaza	
	Date
Anwar Murtaza	Date
Anwar Murtaza Ninth inventor's signature	Date
Anwar Murtaza Ninth inventor's signature Residence	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30	Date
Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive	Date
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Anwar Murtaza Ninth inventor's signature Residence Shrewsbury, Massachusetts Citizenship India Mailing Address 50 Commons Drive Apt. 30 Shrewsbury, Massachusetts 01545 Full name of tenth inventor Jochen G. Salfeld	Date
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